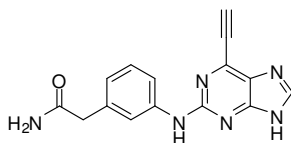




Certificate of Analysis

Axon Catalogue ID: 2728 **Batch Number:** 1
Product Name: NCL-00017509
Alternative Name(s): N.A.
IUPAC Name: 2-(3-(6-Ethynyl-9H-purin-2-ylamino)phenyl)acetamide

Structure:



Amount:

CAS number(s): 1507367-00-1
Molecular Formula: C₁₅H₁₂N₆O **Molecular Weight:** 292.30
Batch Molecular Formula: C₁₅H₁₂N₆O.0.1H₂O **Batch Molecular Weight:** 294.10
Appearance: Light-yellow solid **Observed mp:** >240 °C (decomp)
TLC (R_f): 0.26 DCM/MeOH/AcOH (9:1:0.1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.26, H 4.18, N 28.58; Found: C 61.01, H 4.23, N 28.62
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.7	90.7	
	EtOH			Not Tested

Remarks: Contains a trace amount of methanol (0.5%); Sonication enhance solubility.

QC Date: 25-09-2017

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only